

## First Hit

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L8: Entry 1 of 1

File: DWPI

Aug 23, 1987

DERWENT-ACC-NO: 1988-097004

DERWENT-WEEK: 198814

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TITLE: Equipment for making rubber tubes with bent ends - by applying raw rubber to rods and bending ends with levers and holding in place during vulcanisation

INVENTOR: KHOMSKOV, P T

PATENT-ASSIGNEE: KHOMSKOV P T (KHOMI)

PRIORITY-DATA: 1986SU-4023877 (February 19, 1986)

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Search ALL
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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>SU 1331660 A</u>	August 23, 1987		003	

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
SU 1331660A	February 19, 1986	1986SU-4023877	

INT-CL (IPC): B29C 53/08; B29D 23/22

ABSTRACTED-PUB-NO: SU 1331660A

## BASIC-ABSTRACT:

Box (1) has bent rods (4) at its ends that can rotate in the vertical plane.

Rotating bases (5) are also hinged to the ends of the box, with pawls to hold the bases in a set position. One end of each rod is firmly fastened to the corresp. base. The left base (5) turned by the handle (6) anticlockwise and fixed in position by the pawls (7).

The raw rubber tubes (11) are applied to all the bent rods (4).

Another handle (not visible) is turned anticlockwise, pawls (7) are released and base (5), rods (4) and tubes (11) are turned clockwise and fixed in position by the bottom edges of pawls (7).

The right base is manipulated in the same way.

The tubes are vulcanised and the rods removed. USE/ADVANTAGE - To produce technical rubber

articles, e.g. tubes with bent ends, giving increased productivity and guaranteed maintenance of the equipment.

Bul.32/23.8.87

ABSTRACTED-PUB-NO: SU 1331660A  
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/4

DERWENT-CLASS: A32  
CPI-CODES: A11-B08C; A11-C02A; A12-H02;

## First Hit

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L4: Entry 1 of 1

File: DWPI

Jul 17, 1995

DERWENT-ACC-NO: 1995-253059  
DERWENT-WEEK: 199533  
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TITLE: Mandrel insertion and removal device for vulcanised rubber tubing - uses split mandrel and support fixture, unvulcanised tube mounted on separate movable carriages for mandrels of final tube configuration into 'green' tube

INVENTOR: WILLEMSSEN, H P

PATENT-ASSIGNEE: CCM BEHEER BV (CCMBN)

PRIORITY-DATA: 1993NL-0002251 (December 23, 1993)

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>NL 9302251 A</u>	July 17, 1995		010	B29C035/00

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
NL 9302251A	December 23, 1993	1993NL-0002251	

INT-CL (IPC): B29 C 35/00ABSTRACTED-PUB-NO: NL 9302251A

## BASIC-ABSTRACT:

Method for the manufacture of tubular elements such as hoses and pipes from hardenable polymeric materials, e.g. vulcanised rubber, in which a fixture is used comprising a first carriage which runs on rollers and is movable over a rigid base in the direction of the arrow and supports a first mandrel element . A second carriage supports a second mandrel element and can move on its rollers in the direction of the arrow over the same base . A third carriage which is also movable over the base on rollers has a holder which supports the 'green', unvulcanised tube or hose element . The conventional mandrel is replaced in this method by two mandrel components which give the required configuration to the tube when their ends meet after insertion into the respective ends of the 'green' tube and movement of the carriages into the closed position. The 'green' tube can then be vulcanised in this closed position, following which the complete tube or hose can be removed after retraction of the carriages to the open position.

USE - For the manufacture of tubular elements, partic. hoses and pipes, from hardened polymer

material, e.g. vulcanised rubber.

ADVANTAGE - Reduces time and labour costs, and enables the loading of 'green' unvulcanised rubber tubes onto their respective mandrels to be mechanised.

ABSTRACTED-PUB-NO: NL 9302251A  
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/3

DERWENT-CLASS: A32 A88  
CPI-CODES: A11-B08C; A11-C02A; A12-H02;